



BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Information Technology Pearson BTEC International Level 3 Subsidiary Diploma in Information Technology Pearson BTEC International Level 3 Foundation Diploma in Information Technology Pearson BTEC International Level 3 Diploma in Information Technology Pearson BTEC Level 3 National Extended Diploma in Information Technology
Unit number and title	Unit 16: Digital 2D and 3D Graphics
Learning aim(s) (For NQF only)	A: Investigate the purpose and characteristics of digital graphics that are an important part of visual communications
Assignment title	The purpose and characteristics of digital graphics
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You have recently started an internship as an IT specialist at a visual arts company and part of your role is to encourage greater use of IT in the company's productions. Your supervisor has asked you to prepare a presentation to the artistic director and her team about how digital graphics could be used.
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Task 1	Prepare your presentation slides and accompanying speaker notes in which you: • provide an evaluation of how the technical characteristics of digital graphics impact upon their purpose, usability and accuracy. • cover a range of 2D and 3D digital graphics, including the principles and applications of: - o raster and vector images - o representing 3D images in digital format, covering geometric theory, mesh construction and rendering • cover the principles and applications of hardware and software tools for digital graphics • consider legal issues Your presentation will be easy to read and understand by a third party. It will be logically structured and logical chains of reasoning will be used to support different aspects of
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	the evaluation. You will need to use appropriate technical language throughout and a high standard of written language
Checklist of evidence required	Completed presentation with speakers notes.
Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate the purpose and characteristics of different digital graphic products, including how they impact on their usability and accuracy.
A.M1	Discuss the purpose and characteristics of different digital graphic products, including how they impact on their usability and accuracy.
A.P1	Explain the purpose and legal considerations for different digital graphic products.
A.P2	Explain the technical characteristics of different digital graphic products, including a limited explanation of how they impact on their usability and accuracy.

Sources of information to support you with this Assignment	Caplin, S. 3D Photoshop: Imagine. Model. Create. Adobe, 2013, 978-0321956552 Hughes, J.F. and Van Dam, A. Computer Graphics: Principles and Practice. Addison Wesley 2013, 978-0321399526
Other assessment materials attached to this Assignment Brief	<i>e.g. work sheets, risk assessments, case study</i>